



HENEGHAN AND ASSOCIATES, P.C.

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Addendum No. 2

for

Greene County Rural Water District –Phase VI
Contract “J”

for Greene County Rural Water District
Greene County, Illinois

H&A File No. 00355-405 Contract “J”
July 9, 2018

The Contract Documents prepared by Heneghan & Associates, P.C. for the Greene County Rural Water District–Phase VI Contract “J” for the Greene County Rural Water District, dated June 2018, are hereby amended or clarified as follows:

GENERAL

The bid opening has been changed to July 18, 2018 at 2:00 pm at the Greene County Rural Water District Office.

The RR bores will be staked for horizontal alignment only, the CONTRACTOR shall be responsible to meet the railroad required depths as stated in the permits

PROJECT SPECIFICATIONS

Changes/additions/clarifications to the project specifications are as listed below:

Bid Form: A REVISED BID FORM is included with the addendum, only bids submitted on this REVISED BID FORM will be accepted.

Line Item 4: quantity revised from 1,200 to 1,260

Line Item 15: quantity revised from 250 to 300

Added Line Item 80: Dir. Bore 200 L.F. 6” RJ CL200. Located just east of RR bore on sheet 14B (plan sheet is not being revised to show additional bore)

□ 838 East McCord
Centralia, IL 62801
(P) 618-533-6525
(F) 618-533-6652

□ 310A Vision Drive
Columbia, IL 62236
(P) 618-281-8133
(F) 618-281-8290

□ 5213D Mae Drive
Godfrey, IL 62035
(P) 618-466-8076
(F) 618-466-8078

□ 1004 State Highway 16
Jerseyville, IL 62052
(P) 618-498-6418
(F) 618-498-6410

□ 1929 Richardson Road
Arnold, MO 63010
(P) 636-464-3610
(F) 636-464-2059

“DEDICATING OUR SERVICES TO STRENGTHEN CLIENT TRUST”

Note: Line Item 79 shall be bid to bore from east side of township road to open pasture west of timber which may be longer than 750 feet.

Clarification for the meters provided in the Base Bid, Alternate 1, and Alternate 2:


Base Bid – CONTRACTOR to supply install the meters listed in Section 10 of the technical specifications (Neptune) for the new meters installed with this project.

Alternate Bid #1 - CONTRACTOR to replace 600 existing Phase I and Phase II meters with new meters, transmitters, and antennae. The CONTRACTOR to supply install the meters listed in Section 10 of the technical specifications (Neptune). If accepted, this is in addition to the new meters installed in the Base Bid.

Alternate Bid #2 – CONTRACTOR to replace all existing meters (approximately 1,088) assuming less than 0.5% will be larger than 5/8" x 3/4" and the remaining shall be 5/8" x 3/4" unit price per Alternate #2 Line Item A2-1 and then Alternate #2 Line Item A2-2 shall replace Base Bid Line Item 29 if Alternate #2 is accepted.

1. The system shall function similar to Badger's Beacon system, Orion Transmitters, and HR-E LCD meters.
2. Cellular or Radio communication is allowed.
3. The location of the meters will be scattered over the entire county (Greene County, IL).
4. The system shall automatically provide to the OWNER the hourly usage of each customer and stored for historical usage.
5. A hosted solution is recommended, if it is not a hosted system, the cost for onsite hardware shall be included in the meter cost.
6. The CONTRACTORS price shall include all costs for Hosted and Cellular(or Radio) AMR/AMI meter system and necessary equipment to be read the meters remotely.
7. Meter transmitters shall have a battery life of 10 years minimum.
8. The CONTRACTOR shall include the name of the company, the communication type, and the hosting cost per month per meter on the REVISED BID FORM.

End of Addendum.


Seth W. Elliott, P.E., M.B.A.,
Project Manager

BID FORM 7-9-18

**Greene County Rural Water District
Greene County Rural Water - Phase VI
00355-405**

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ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

***David Longmeyer, Chairman
Greene County Rural Water District
323A 6th Street, Carrollton, IL, 62016***

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost,

progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

PROJECT: GCRWD Phase VI Contract "J"

H&A FILE NO.: 00355-405

REVISED BID FORM 7-9-18

ITEMS - BASE BID "A"		QUANTITY	UNIT	UNIT PRICE	ESTIMATED TOTAL PRICE
1	4" PVC Pipe, CL 160, SDR 26	166,885	L.F.	\$	\$
2	4" PVC Pipe, CL 200, SDR 21	72,790	L.F.	\$	\$
3	4" Restrained-Joint PVC, CL 200	6,175	LF	\$	\$
4	4" Restrained-Joint PVC, CL 200 within Casing Pipe	1,260	L.F.	\$	\$
5	4" Restrained-Joint PVC, CL 200 - Bores	1,940	L.F.	\$	\$
6	Bore 4" Water Main	1,510	L.F.	\$	\$
7	6" PVC Pipe, CL 160, SDR 26	57,500	L.F.	\$	\$
8	6" PVC Pipe, CL 200, SDR 21	33,810	L.F.	\$	\$
9	6" Restrained-Joint PVC, CL 200	280	LF	\$	\$
10	6" Restrained-Joint PVC, CL 200, within Casing Pipe	1,040	L.F.	\$	\$
11	6" Restrained-Joint PVC, CL 200 - Bores	880	L.F.	\$	\$
12	Bore 6" Water Main	740	L.F.	\$	\$
13	8" PVC Pipe, CL 160, SDR 26 - Septic Encasement	20	L.F.	\$	\$
14	12" PVC Pipe, CL 160, SDR 26 - Septic Encasement	20	L.F.	\$	\$
15	Directional Bore 8" Steel Casing RR	300	LF	\$	\$
16	Bore & Jack 16" Steel Casing Pipe	120	L.F.	\$	\$
17	Bore 8" Steel Casing (Roads)	660	LF	\$	\$
18	Bore 12" Steel Casing (Roads)	640	LF	\$	\$
19	4" x 4" Tapping Sleeve with 4" Gate Valve with Box	5	Each	\$	\$

ITEMS - BASE BID "A"		QUANTITY	UNIT	UNIT PRICE	ESTIMATED TOTAL PRICE
20	6" x 6" Tapping Sleeve with 6" Gate Valve with Box	4	Each	\$	\$
21	4" Gate Valve with Box	39	Each	\$	\$
22	6" Gate Valve with Box	20	Each	\$	\$
23	Creek Crossing Meter and Valve Set - 4"	3	Each	\$	\$
24	2-1/4" Flushing Hydrant with Gate Valve with Box	17	Each	\$	\$
25	Auto Flusher	3	EACH	\$	\$
26	Sample Stations	4	EACH	\$	\$
27	Drainage Ditch Crossing - Set Up	27	Each	\$	\$
28	Combination Air Release Valve	7	Each	\$	\$
29	5/8" x 3/4" Service Connection w/Pressure Regulator	100	Each	\$	\$
30	1" P.E. Service Line	4,270	L.F.	\$	\$
31	2" P.E Service Line	2,900	LF	\$	\$
32	Boring Service Line	2,600	L.F.	\$	\$
33	Drain Tile Repair	75	Each	\$	\$
34	Rock Excavation	300	Cu Yd	\$	\$
35	Unsuitable Backfill Material	1,000	L.F.	\$	\$
36	Compacted Rock Backfill	5,000	L.F.	\$	\$
37	Service Connection Relocation	1	Each	\$	\$
38	Temprary Seeding and Mulch	93,218	EACH	\$	\$
39	Dirt Berm	6	Each	\$	\$

ITEMS - BASE BID "A"		QUANTITY	UNIT	UNIT PRICE	ESTIMATED TOTAL PRICE
40	Bacteriological Sampling	71	Each	\$	\$
41	Dir. Bore 360 L.F. 6" RJ CL200 (DB-6-5-1)	1	LS	\$	\$
42	Dir. Bore 200 L.F. 4" RJ CL200 (DB-6-7-1)	1	LS	\$	\$
43	Dir. Bore 200 L.F. 6" RJ CL200 (DB-6-7-2)	1	LS	\$	\$
44	Dir. Bore 120 L.F. 6" RJ CL200 (DB-6-7-3)	1	LS	\$	\$
45	Dir. Bore 160 L.F. 4" RJ CL250 (DB-6-10-1)	1	LS	\$	\$
46	Dir. Bore 180 L.F. 4" RJ CL250 (DB-6-10-2)	1	LS	\$	\$
47	Dir. Bore 160 L.F. 4" RJ CL200 (DB-6-10-3)	1	LS	\$	\$
48	Dir. Bore 60 L.F. 4" RJ CL200 (DB-6-10-4)	1	LS	\$	\$
49	Dir. Bore 100 L.F. 4" RJ CL250 (DB-6-11-1)	1	LS	\$	\$
50	Dir. Bore 100 L.F. 4" RJ CL200 (DB-6-14-1)	1	LS	\$	\$
51	Dir. Bore 60 L.F. 6" RJ CL200 (DB-6-14B-2)	1	LS	\$	\$
52	Dir. Bore 200 L.F. 4" RJ CL200 (DB-6-15-1)	1	LS	\$	\$
53	Dir. Bore 80 L.F. 4" RJ CL200 (DB-6-17-1)	1	LS	\$	\$
54	Dir. Bore 160 L.F. 4" RJ CL200 (DB-6-18-1)	1	LS	\$	\$
55	Dir. Bore 180 L.F. 4" RJ CL250 (DB-6-18-2)	1	LS	\$	\$
56	Dir. Bore 140 L.F. 4" RJ CL250 (DB-6-18-3)	1	LS	\$	\$
57	Dir. Bore 100 L.F. 4" RJ CL200 (DB-6-18-4)	1	LS	\$	\$
58	Dir. Bore 80 L.F. 4" RJ CL200 (DB-6-20-1)	1	LS	\$	\$
59	Dir. Bore 100 L.F. 6" RJ CL200 (DB-6-21-1)	1	LS	\$	\$

ITEMS - BASE BID "A"		QUANTITY	UNIT	UNIT PRICE	ESTIMATED TOTAL PRICE
60	Dir. Bore 80 L.F. 6" RJ CL200 (DB-6-21-2)	1	LS	\$	\$
61	Dir. Bore 80 L.F. 6" RJ CL200 (DB-6-21-3)	1	LS	\$	\$
62	Dir. Bore 80 L.F. 6" RJ CL200 (DB-6-22-1)	1	LS	\$	\$
63	Dir. Bore 100 L.F. 6" RJ CL200 (DB-6-23-1)	1	LS	\$	\$
64	Dir. Bore 360 L.F. 6" RJ CL200 (DB-6-23-2)	1	LS	\$	\$
65	Dir. Bore 160 L.F. 6" RJ CL200 (DB-6-23-3)	1	LS	\$	\$
66	Dir. Bore 360 L.F. 6" RJ CL200 (DB-6-23-4)	1	LS	\$	\$
67	Dir. Bore 160 L.F. 6" RJ CL200 (DB-6-25-1)	1	LS	\$	\$
68	Dir. Bore 160 L.F. 4" RJ CL200 (DB-6-25A-1)	1	LS	\$	\$
69	Dir. Bore 260 L.F. 4" RJ CL200 (DB-6-27-1)	1	LS	\$	\$
70	Dir. Bore 160 L.F. 4" RJ CL200 (DB-6-27-2)	1	LS	\$	\$
71	Dir. Bore 200 L.F. 4" RJ CL200 (DB-6-27-3)	1	LS	\$	\$
72	Dir. Bore 140 L.F. 6" RJ CL200 (DB-6-28A-1)	1	LS	\$	\$
73	Dir. Bore 80 L.F. 4" RJ CL200 (DB-6-28A-3)	1	LS	\$	\$
74	Dir. Bore 240 L.F. 4" RJ CL200 (DB-6-28A-2)	1	LS	\$	\$
75	Dir. Bore 160 L.F. 6" RJ CL200 (DB-6-30-1)	1	LS	\$	\$
76	Dir. Bore 180 L.F. 6" RJ CL200 (DB-6-31-1)	1	LS	\$	\$
77	Dir. Bore 100 L.F. 4" RJ CL200 (DB-6-31-1)	1	LS	\$	\$
78	Dir. Bore 200 L.F. 6" RJ CL200 (DB-6-32-1)	1	LS	\$	\$
79	Dir. Bore 750 L.F. 2" PE Service	1	LS	\$	\$
80	Dir. Bore 200 L.F. 6" RJ CL200 (DB-6-14B)	1	LS	\$	\$

TOTAL BASE BID "A" AMOUNT		
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Dollars

(In Words)

ALTERNATE # 1:

The CONTRACTOR shall provide a unit bid price to replace the OWNER's existing (Phase I and II) service meters. Included in this unit price will be the modification or replacement of the meter box lid. If the CONTRACTOR chooses to replace the meter box lids they shall be replaced with a lid equal to the one in these specifications and shall be approved by the ENGINEER. The Alternate #1 bid provided by the CONTRACTOR will be in addition to the Base Bid if Alternate #1 is chosen.

ITEMS - ALTERNATE BID #1		QUANTITY	UNIT	UNIT PRICE	ESTIMATED TOTAL PRICE
A1-1	Replace Phase I and II Residential Meters	600	Each	\$	\$
TOTAL ALTERNATE #1 BID AMOUNT					

Dollars

(In Words)

Next Page...

ALTERNATE # 2:

The CONTRACTOR shall provide a unit bid price to replace all the OWNER’s existing meters (approximately 1,088) under Alternate #2 Item A2-1. Alternate #2 A2-2 shall replace Base Bid Line Item 29. The meter system shall function similar to Badger’s Beacon system, Orion Transmitters, and HR-E LCD meters. Cellular or Radio communication is allowed. The location of the meters will be scattered over the entire county (Greene County, IL). The system shall automatically provide to the OWNER the hourly usage of each customer and stored for historical usage. A hosted solution is recommended, if it is not a hosted system, the cost for onsite hardware shall be included in the meter cost. The CONTRACTORS price shall include all costs for Hosted and Cellular(or Radio) AMR/AMI meter system and necessary equipment to be read the meters remotely. Meter transmitters shall have a battery life of 10 years minimum. The CONTRACTOR shall include the name of the company, the communication type, and the hosting cost per month per meter on the REVISED BID FORM. Included in this unit price will be the modification or replacement of the meter box lid. If the CONTRACTOR chooses to replace the meter box lids they shall be replaced with a lid equal to the one in these specifications and shall be approved by the ENGINEER. The Alternate #2 bid provided by the CONTRACTOR will be in addition to the Base Bid, less Line Item 29, if Alternate #2 is chosen.

ITEMS - ALTERNATE BID #2		QUANTITY	UNIT	UNIT PRICE	ESTIMATED TOTAL PRICE
A2-1	Replace Existing Residential Meters with Cellular Read Meters	1,088	Each	\$	\$
A2-2	5/8" x 3/4" Service Connection w/Pressure Regulator	100	Each	\$	\$
Meter Manufacturer					
Communication Type (cellular or radio)					
Meter Read System Hosting Cost per meter per month					
TOTAL ALTERNATE #2 BID AMOUNT					
					Dollars
(In Words)					

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.03 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security;
 - B. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;

- C. Required Bidder Qualification Statement with supporting data; and Qualification Statement (Items 1 thru 4 and item 11 with Schedules A and B only)
- D. If bid amount exceeds \$10,000, signed Compliance Statement (RD400-6). Refer to specific equal opportunity requirements set forth in the Supplemental General Conditions;
- E. If Bid amount exceeds \$25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transactions (AD-1048);
- F. If Bid amount exceeds \$100,000, signed RD Instructions 1940-Q, Exhibit A-1, Certification for Contracts, Grants, and Loans.
- G. Non-collusion Affidavit of Prime Bidder

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By: _____
[Signature]

_____ *[Printed name]*

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____
[Signature]

_____ *[Printed name]*

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____
(where applicable)